

Title : Communicating conversational data signals between terminals over a radio link

Abstract

A method of communication of conversational data signals, especially voice signals, between transceiver terminals (A, B) over a radio link, especially a Bluetooth link, capable of full-duplex transmission of conversational data packets in alternate directions within a pair (T1 to T16) of time slots. Local conversational activity is detected at each of the terminals (A, B). Any conversational activity signal (VAD) sent from the other terminal (B, A) is detected, the conversational activity signals (VAD) sent from the other terminal being indicative of the detected local conversational activity at the other terminal (B, A). The reception and transmission is controlled in response to the detected conversational activity signals from the other terminal (B, A).

Controlling the reception and transmission comprises at least partially disabling reception means at the terminal (A, B) if remote conversational activity is not detected from received conversational activity signals, at least partially disabling the transmission means of the terminal (A, B) in the absence of detected local conversational activity, and generating audible comfort noise at the terminal (A, B) from a locally generated comfort noise signal if remote conversational activity is not detected from the received conversational activity signals.

Figure 4